

C1
100. The system of claim 95, wherein the first light generator is further adapted to generate and direct activating light pulses with a sufficiently high intensity such that the photoinitiator forms a first polymer chain radical that reacts with a co-initiator and such that the co-initiator forms a second polymer chain radical that reacts with the monomer.

C2
145. The system of claim 142, wherein the controller is configured to stop application of light to the lens forming composition after substantially all of the lens forming composition has been cured.

C3
154. The system of claim 95, further comprising a filter disposed between the first light generator and at least one of the mold members, wherein the filter comprises a bisphenol compound to make the filter hazy.

155. The system of claim 95, further comprising a filter disposed between the first light generator and at least one of the mold members, wherein the filter comprises a styrene-butadiene copolymer to make the filter hazy.

C4
164. The system of claim 159, wherein the first light generator is further configured to generate and direct activating light pulses with a sufficiently high intensity such that the photoinitiator forms a first polymer chain radical that reacts with a co-initiator and such that the co-initiator forms a second polymer chain radical that reacts with the monomer.

C5
175. The system of claim 159, wherein the controller is configured to stop application of light to the lens forming composition after substantially all of the lens forming composition has been cured.

C6
184. The system of claim 159, further comprising a filter disposed between the first light generator and at least one of the mold members, wherein the filter comprises a bisphenol compound to make the filter hazy.